

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051898

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02M3/158

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/111983 A1 (WALTERS MICHAEL M ET AL) 19 June 2003 (2003-06-19) paragraphs '0006!, '0007! -----	1-12
X	EP 0 284 979 A (SGS THOMSON MICROELECTRONICS) 5 October 1988 (1988-10-05) the whole document -----	1-4
X	WO 02/063765 A (KONINKL PHILIPS ELECTRONICS NV) 15 August 2002 (2002-08-15) page 8, line 30 - page 9, line 8 page 10, line 3 - line 14; figures 6,8 -----	1-12



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

11 January 2005

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19/01/2005

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